

AMENDMENT TO THE SPECIFICATION

Please replace the paragraphs beginning on Page 7, Line 23 and ending on Page 9, Line 5 with the following:

The roller 30 itself is a soft roller, having a soft elastomeric outer layer 40 that is supported on a center tubular core 42. The stationary cartridge heater 29 is supported on the frame 12 and the tubular core 42 is rotatably mounted on supports on the cartridge heater 29 so it rotates about the axis of the heater 29. The core 42 is rotationally driven from a stepper motor 44 through the use of a drive belt 46. The stepper motor 44 is mounted onto one of the pivoting side plates 31, and moves with the roller and cartridge heater. The stepper motor 44 is connected to power through the controller including using a temperature sensor signal so the stepper motor is ~~on~~-stepped constantly at a selected rotational rate when the roll temperature is greater than a selected amount indicating that the roll is ready, or almost ready, for laminating.

Suitable electrical connections are made to the heater 29. The roll temperature is monitored and controlled using an internal thermocouple in the cartridge heater and a sliding temperature sensor 37 on the surface of the roller 30 so the temperature will be the proper temperature to laminate the film from the web 32 onto a disc on tray 18. A sliding temperature sensor 37 (Figures 1 and 2) rides on the surface of roller 30 under a low spring pressure and senses the surface temperature of the roller. The sensor 37 is above the shields 34A and 36. The signal from temperature sensor 37 is used for initiating the stepper motor 44 and keeping it constantly running or stepped at a rate to keep the surface temperature even across the entire roller periphery.

In order to minimize temperature differentials around the periphery of the roller 30, and particularly to avoid the exposed portion shown at 48 that extends through from cooling excessively at the opening 38, once the roller is heated, the stepper motor 44 is driven to continuously step and rotate the roller 30. This will result in an even temperature on the roll periphery because no segment of the surface, such as at 48, will remain stationary in the opening 38 so that that portion cools.

The stepper motor 44 will step or rotate the roller 30 at a rate that is selected, for example, in the range of 20 revolutions per minute. When the tray 18 is being moved underneath the roller 30, the motor 44 can be turned off (not stepped) and permitted to coast, so that the roller 30 will press on the laminate, and will not slip relative to the web 32.